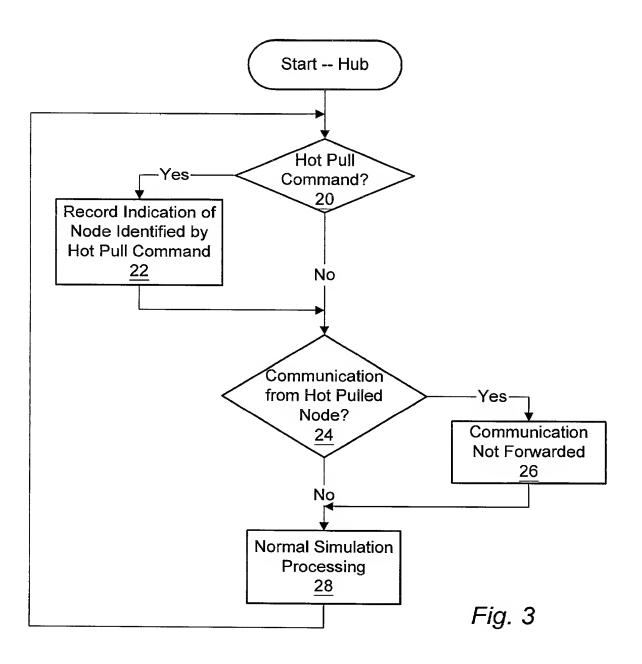


Fig. 2



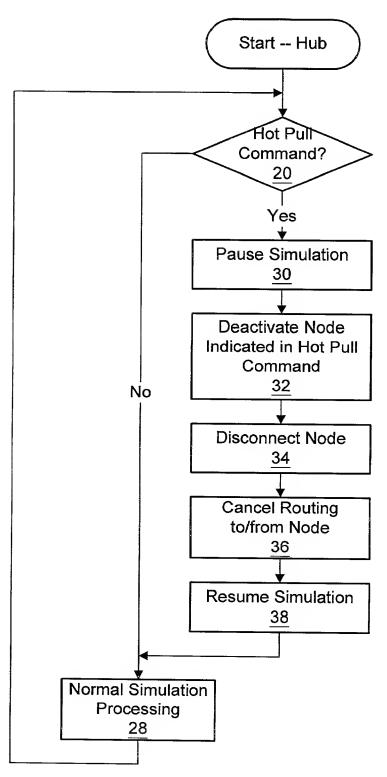
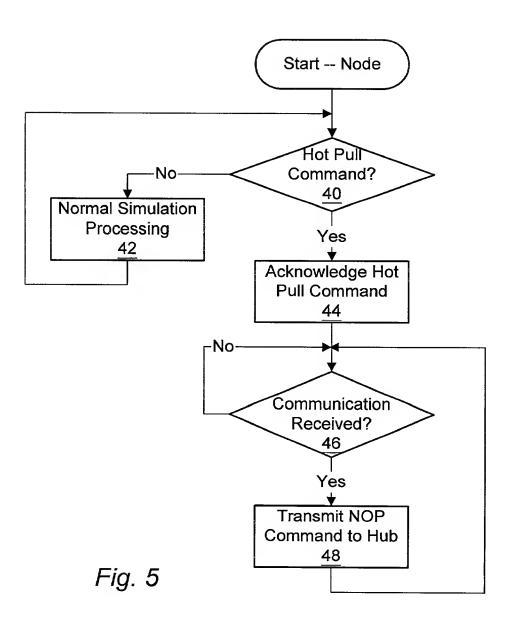
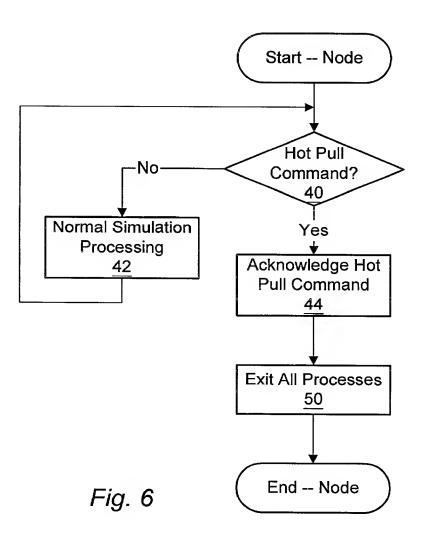
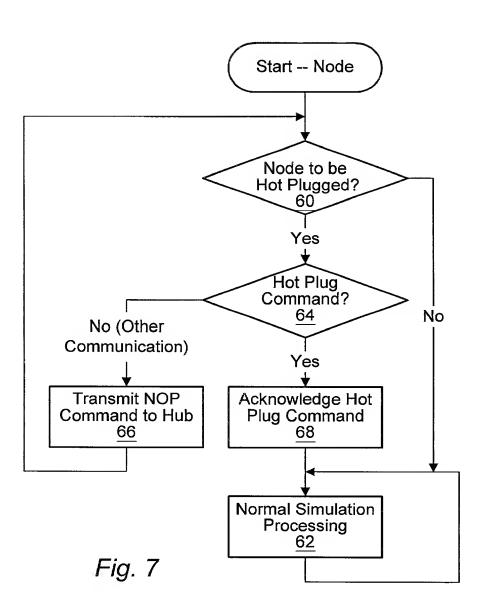
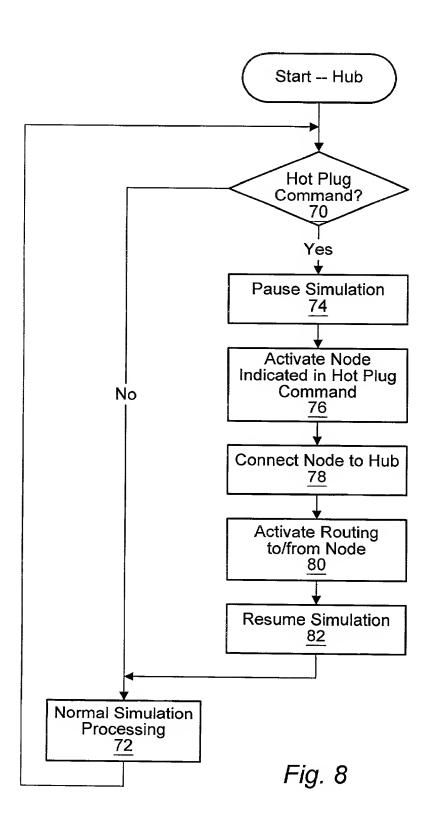


Fig. 4









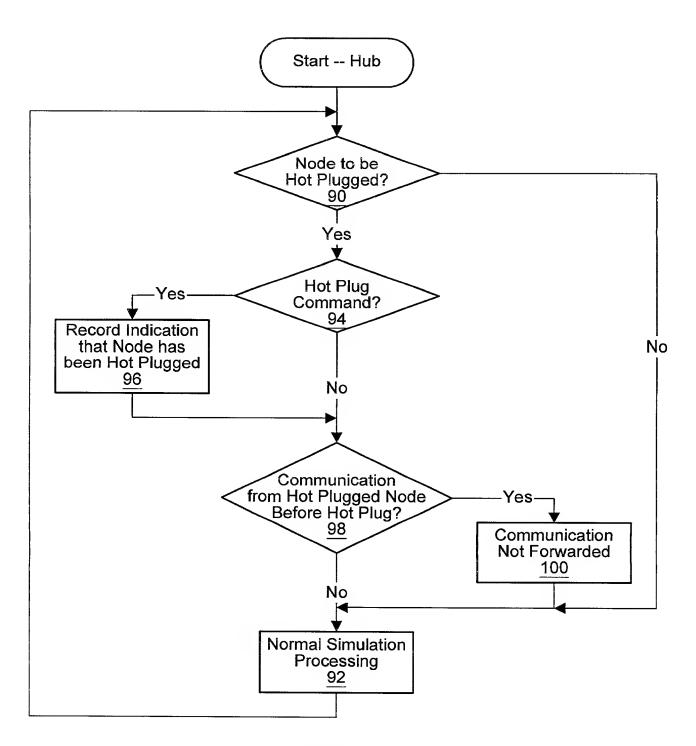


Fig. 9

```
scf : SCF '{' scf_description '}'
scf_description : | model_instances routing
model_instances : one_instance more_instances
one_instance : BASENAME NAME ';'
more_instances : | more_instances one_instance
routing : | routing routing_exp
routing_exp: SCOPENAME1 '->' SCOPENAME1 ';'
                 Fig. 10
SCF {
       chip1 dsn1;
       chip2 dsn2;
       dcn dcn1;
       dsn1.all_ports -> dsn2.all_ports;
       dsn2.all_ports -> dsn1.all_ports;
       dcn1.all_ports -> dsn1.all_ports;
       }
                 Fig. 11
SCF {
       dsn1.all_ports -> dsn2.all_ports;
      dsn2.ali_ports -> dsn1.all_ports;
       }
                 Fig. 12
```

Fig. 13

```
SCF {
    hotpull chip1 dsn1;
    chip2 dsn2;
    dcn dcn1;

dsn1.all_ports -> dsn2.all_ports;
    dsn2.all_ports -> dsn1.all_ports;
    dcn1.all_ports -> dsn1.all_ports;
}
```

Fig. 14

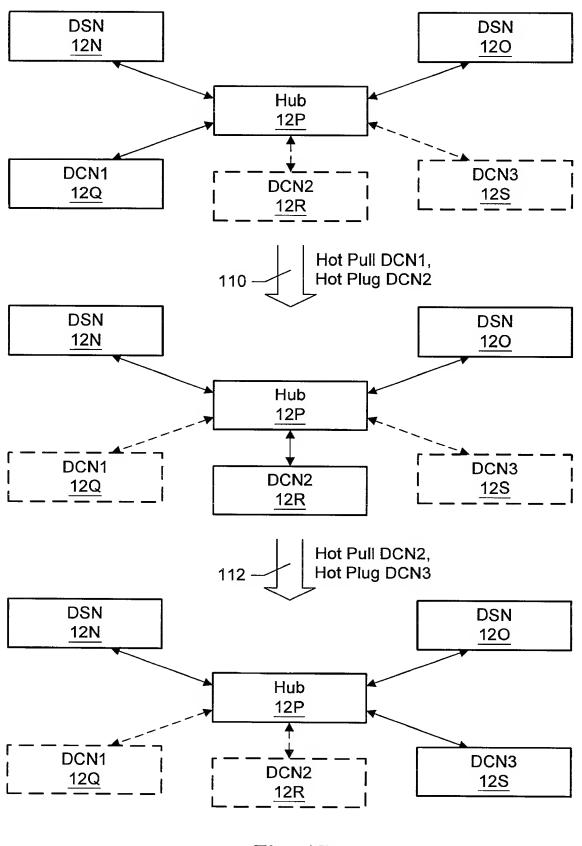
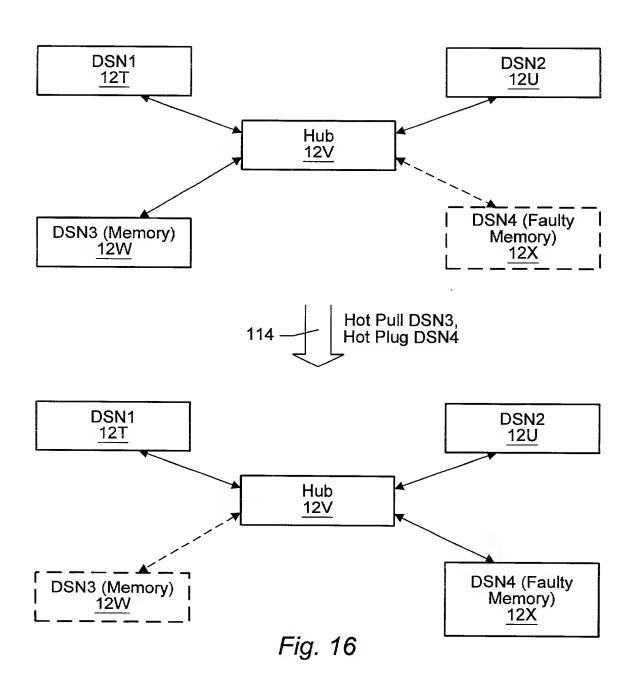


Fig. 15



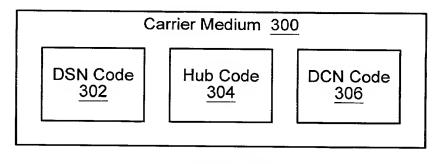


Fig. 17